

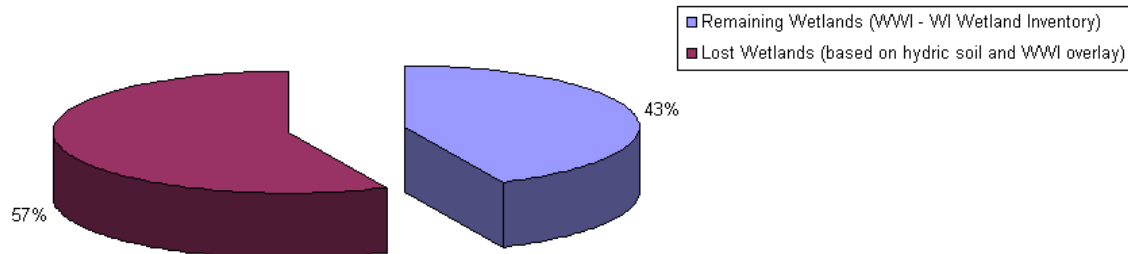
Menomonee River Watershed (MI03)

Wetlands Summary, 2010

MI03 Historical and Current Wetland Status

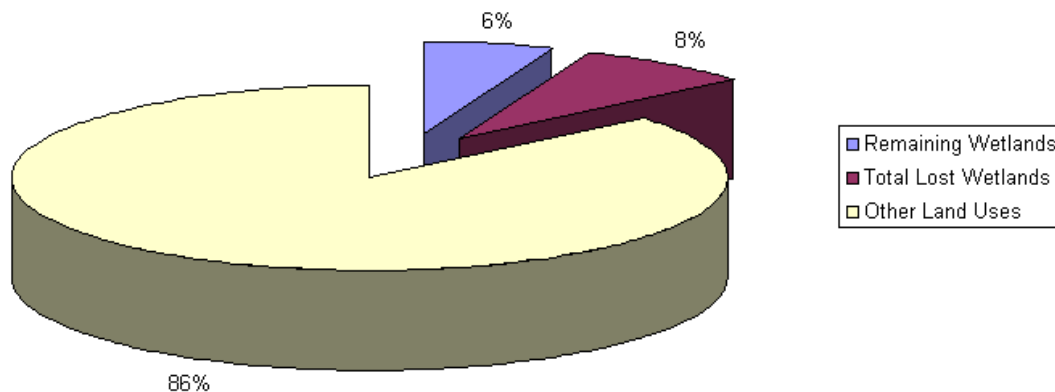
Historical Wetland Loss from Pre-settlement to Current Day	Acres	% of Original (Pre-settlement) Wetlands
Original Wetlands (pre-settlement estimate based on hydric soil)	10534	100.0%
Remaining Wetlands (WWI - WI Wetland Inventory)	4537	43.1%
Lost Wetlands (based on hydric soil and WWI overlay)	5997	56.9%

Historical Wetland Loss From Pre-settlement to Current Day



Current Wetland Status of Watershed	Acres	% of Original (Pre-settlement) Wetlands
Original Wetlands	10534	12.1%
Remaining Wetlands	4537	5.2%
Total Lost Wetlands	5997	6.9%
Other Land Uses	66,047	75.8%
Total Watershed	87115.1169	100.0%

Menomonee River Watershed (MI03)
Current Wetland Acres vs. Other Land Uses



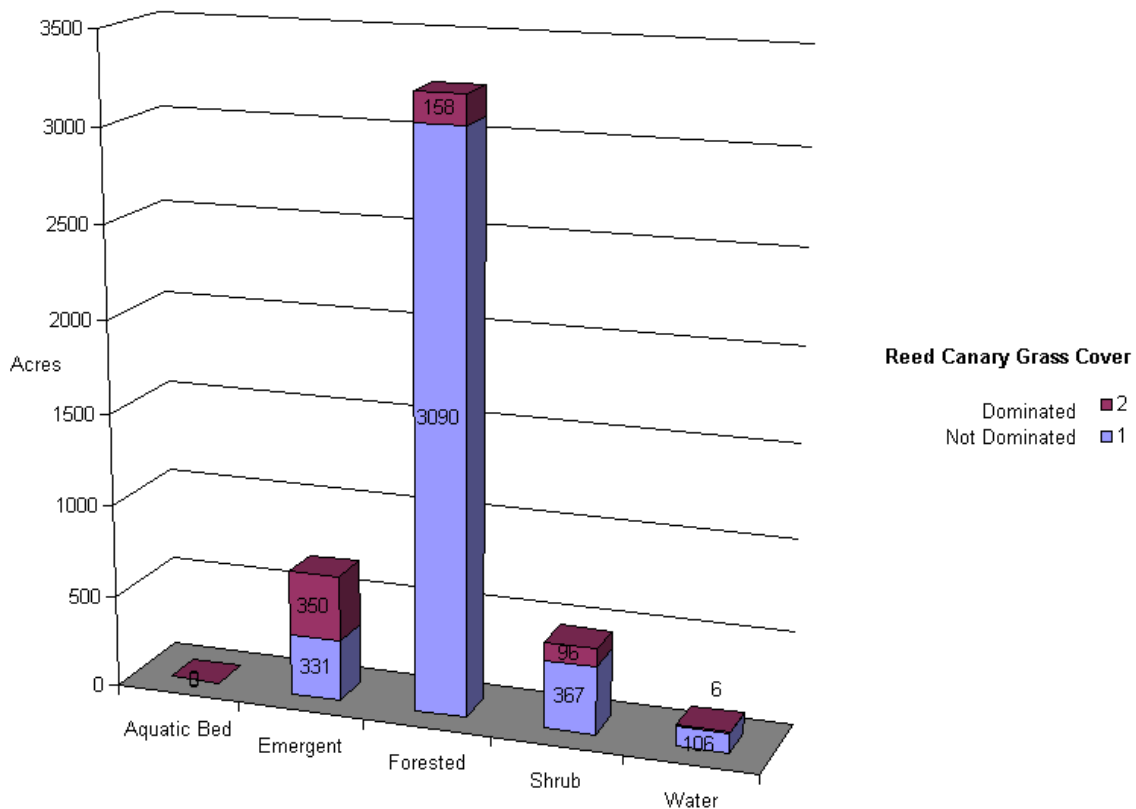
MI03 Wetlands by Type

Type	Acres	% of Wetland
Shallow Open Water	111.8613	2.5%
Aquatic Bed	2.8508	0.1%
Emergent (Marshes and Meadows)	680.3261	15.0%
Shrub	463.1809	10.2%
Forested	3247.7533	71.6%
Other	31.0276	0.7%
Total	4537	100.0%

MI03 Wetlands with Reed Canary Grass Infestation

Type	Acres	% of Wetland
Shallow Open Water	5.9283	1.0%
Aquatic Bed	0.0582	0.0%
Emergent (Marshes and Meadows)	349.6306	57.3%
Shrub	96.3583	15.8%
Forested	157.8028	25.9%
Other	3.37508E-14	0.0%
Total	609.7782	100.0%

Wetland Vegetation Types



Wetland Status

The Menomonee River Watershed extends into portions of Washington, Waukesha and Milwaukee counties. The Menomonee River originates in wetlands near the Village of Germantown and the City of Mequon and runs south, southeast for about 32 miles where it meets the Milwaukee and Kinnickinnic Rivers in the Milwaukee Harbor. Nearly all of the land area in this watershed is within incorporated municipalities. An estimated 5% of the current land uses in the watershed are wetlands. Almost 43% of the original wetlands in the watershed are estimated to exist. Of these wetlands, forested wetlands (72%) and emergent wetlands (15%), which include wet meadows and marshes, dominate the landscape.

Wetland Condition

Little is known about the condition of the remaining wetlands but estimates of reed canary grass infestations, an opportunistic aquatic invasive wetland plant, into different wetland types has been estimated based on satellite imagery. This information shows that reed canary grass dominates 57% of the existing emergent wetlands and 26% of the remaining forested wetlands. Reed Canary Grass domination inhibits successful establishment of native wetland species.

Wetland Restorability

Of the 5,997 acres of estimated lost wetlands in the watershed, approximately 51% are considered potentially restorable based on modeled data, including soil types, land use and land cover (Chris Smith, DNR, 2009).

MI03 Restorability of Lost Wetlands

Restorability of Lost Wetlands	Acres	% of Original (Pre-settlement) Wetlands
Potentially Restorable	3049.51	50.9%
Not Likely To Be Restored (Urban land use)	2855.07	47.6%
Smaller than 0.5 acres	92.2	1.5%
Total Lost Wetlands	5997	100.0%

